BROOKHAVEN NATIONAL LABORATORY

SBMS Interim Procedure

Interim Procedure Number: 2004-18001-005 Revision: 3

Title: 18001 Audit Checklist

Point of Contact: Pat Williams

Management System: Worker Safety and Health

Effective Date: April 30, 2004 Expiration Date: December 31, 2005

Approved by (line management, Management System Steward): Jim Tarpinian

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Applicability: Plant Engineering Division, Central Shops Division, Collider-Accelerator Department and ESHQ Directorate

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1. Purpose

1.1. To define an assessment (audit) program.

2. Definitions (for general definitions reference SBMS)

- 2.1. Finding Results of the evaluation of the collected audit evidence compared with the agreed audit criteria. Audit findings provide the basis for the audit report. While all findings of nonconformity must be documented, findings of conformity may be documented if within the agreed upon audit scope.
- 2.2. Nonconformance An activity, attribute, or document, which fails to comply with established requirements, and may lead to a condition having an adverse effect on quality, environment, ES&H, operations, or reliability.
- 2.3. Major nonconformance A lack of an element, procedure, or a non-fulfilled requirement that puts the process/system at jeopardy, and could lead to significant impact on quality, environment, ES&H, operations, or reliability.
- 2.4. Minor nonconformance An observed lapse in a program, process, procedure, or requirement, usually single incidents that do not have a significant impact on the quality, environment, ES&H, operations, or reliability.
- 2.5. Noncompliance Non-adherence to an applicable regulatory requirement.
- 2.6. Recommendations (opportunity for improvement) A suggested means of improving an activity or fulfilling the intent of a requirement.

3. Responsibilities

- 3.1. The OSH Management System Representatives shall implement this assessment program within their organizations.
- 3.2. Audits shall be conducted by competent persons, internal or external to the organization being audited, who are independent of the activity being audited and are familiar with the requirements of the OSHAS 18001 management system.

4. Procedure

- 4.1. Schedule The OSH Management System Representative shall maintain an assessment schedule. The scheduling of assessments should be flexible with the allocation of resources based on the following factors:
 - Importance, status, risk, and complexity of the activity, item, or process.
 - Problems encountered with the activity, or item.
 - Scheduling of specific activities.
 - Availability of qualified personnel.
 - A review of findings reported in previous assessments.

- 4.2. OSH Management System Representative shall perform an annual OSH Management System assessment, per the requirements in the attached Audit Checklist, in order to determine whether the OSH management system and its elements are in place, adequate, and effective in protecting the safety and health of workers and preventing incidents.
- 4.3. OSH Management System Representative shall perform more frequent OSH assessments of specific areas or processes if appropriate, depending on the importance of the activity, process change, previous assessment results, or as determined by the organization's management.
- 4.4. Emphasis will be placed on process improvement and verification of sustained effectiveness of action taken to correct previous deficiencies.
- 4.5. Assessments shall evaluate conformance to established requirements. That is, the examination of objective evidence demonstrating that activities, procedures, instructions, and records are being properly executed and documented.
- 4.6. Before conducting an assessment, the auditor shall:
 - 4.6.1. Consult with the organizations management in order to determine the membership of the assessment team.
 - 4.6.2. Review existing assessment documentation to verify applicability of criteria.
 - 4.6.3. Review nonconformances and recommendations documented on previous assessment reports, nonconformance reports, etc., to determine if there are known problems with an activity, or additional items that should be added to the assessment criteria.
 - 4.6.4. Confer with the person responsible for the activity and determine assessment date(s), and the names and locations of the personnel who should be contacted.
 - 4.6.5. Request information, procedures, data, etc. that will facilitate the conduct of the assessment.
 - 4.6.6. During the assessment, the auditor shall verify that documentation called out by procedures and program requirements are accurate and complete. All concerns shall be brought to the attention of the person responsible for the area for possible resolution or correction prior to the completion of the audit. No corrective action will be required for any deficiency satisfactorily resolved prior to the completion of the assessment. However, a record of the concern shall be included in the assessment report, and acknowledged as having been resolved.
 - 4.6.7. Responsible personnel are to be notified and immediate corrective action taken, as appropriate, for deficiencies that will adversely affect OSH or property. Interim actions may be initiated to provide needed controls while investigations and implementation of permanent corrective actions are accomplished. Follow-up assessments shall be performed to verify the effectiveness of the corrective actions.

- 4.7. All assessment documentation shall comply with the requirements of the applicable SBMS Subject Areas.
- 4.8. A draft copy of the assessment report shall be distributed for preliminary review to those individuals directly involved in the assessment.
- 4.9. Assessment reports shall contain the concurrence of the management of the area assessed.
- 4.10. Assessments without major or minor nonconformances shall be considered closed when the assessment report is issued.
- 4.11. Assessments with documented major, and/or minor nonconformances, are considered closed when proposed corrective/preventive actions are accepted by the assessment personnel and management.
- 4.12. Nonconformances, which are the result of an OSH assessment, shall be documented per the requirements of the Nonconformance and Corrective and Preventive Action SBMS subject area.
- 4.13. Major and minor nonconformances shall be tracked to closure via the BNL Assessment Tracking System (ATS).
- 4.14. Assessments reports shall be maintained by the organization being assessed. Retention time for assessment documentation shall per the requirements of SBMS.

OHS Manageme	nt System N	Model		GENERAL REQUIREM	MENTS		
ELEMENT:	4.1	TITLE:	General Reg	uirements			
OHSAS 18001 S	TANDARI	D:			NO	PARTIAL	YES
The organization	shall estab	lish and mainta	ain an OH&S n	nanagement system, the			
requirements of	which are so	et out in Clause	e 4 of OHSAS	18001-1999.			
FACILITY IMP	LEMENTA	TION OF STA	ANDARD:				
EXISTING PRO	CEDURES	AND DOCU	MENTATION	(LIST):			
COMMENTS:							
EVALUATION							
MEETS	REQUIRE	EMENT	MIN	NOR	MA	JOR NONCONI	FORMANCE
			NONCONFO	ORMANCE			
OPTIONAL AU	DITOR OU	ESTIONS:					
Has a program b							
Is the scope of the			1?				
How long has th							
Is it being maint				-1999?			
		1		•			

Organization: Date: Lead Auditor:

OH&S Management System Model OS&H POLICY								
ELEMENT: 4.2 TITLE: OH&S Policy								
		_	1					
OHSAS 18001 STANDARD:	NO	PARTIAL	YES					
There shall be an occupational health and safety policy authorized by the								
organization's top management that clearly states overall health and safety objecti and a commitment to improving health and safety performance.	ives							
The policy shall:								
a) be appropriate to the nature and scale of the organization's OH&S risks;								
b) include a commitment to continual improvement;								
c) include a commitment to at least comply with current applicable OH&S legislate	tion							
and with other requirements to which the organization subscribes;								
d) be documented, implemented and maintained;								
e) be communicated to all employees with the intent that employees are made awa	are							
of their individual OH&S obligations;								
f) be available to interested parties; and g) be reviewed periodically to ensure that it remains relevant and appropriate to th	10							
organization.	ic							
organization.								
FACILITY IMPLEMENTATION OF STANDARD:								
EXISTING PROCEDURES AND DOCUMENTATION (LIST):								
COMMENTS:								
COMMENTS.								
EVALUATION:	T							
MEETS REQUIREMENT MINOR	N	IAJOR NONCON	FORMANCE					
NONCONFORMANCE								

OPTIONAL AUDITOR QUESTIONS:

What is the organization's policy?

Is the policy defined and is it appropriate to the type, size, and OH&S impacts of the organization's activities?

Does the policy include a commitment to continual improvement in the organization's operations?

Does the policy reflect the organizations hazard identification, risk assessment and risk control in the organization's activities and facilities?

Does the policy include a commitment to compliance to legal requirements?

Is the policy documented, implemented, maintained (periodically reviewed) and communicated to all employees and are they aware of their responsibilities to the OH&S?

Is the policy available to interested parties?

Organization:	Date:	Lead Auditor:

OH&S Management System Model PLANNING						
ELEMENT: 4.3.1 TITLE:	Planning For Hazard Identification, Ris	k Assessn	nent And Risk (Control		
		T		T		
OHSAS 18001 STANDARD: The organization shall establish and maintain procedures for the ongoing identification of hazards, the assessment of risks, and the implementation of necessary control measures. These shall include: a) routine and non-routine activities; b) activities of all personnel having access to the workplace (including subcontractors and visitors); c) facilities at the workplace, whether provided by the organization or others. The organization shall ensure that the results of these assessments and the effects of these controls are considered when setting its OH&S objectives. The organization shall: a) be defined with respect to its scope, nature and timing to ensure it is proactive rather than reactive; b) provide for the classification of risks and identification of those that are to be eliminated or controlled by measures as defined in 4.3.3 and 4.3.4; c) be consistent with operating experience and the capabilities of risk control measures employed; d) provide input into the determination of facility requirements, identification of training needs and/or development of operational controls; e) provide for the monitoring of required actions to ensure both the effectiveness and timeliness of their implementation. NOTE For further guidance on hazard identification, risk assessment and risk control, see OHSAS 18002.				YES		
EXISTING PROCEDURES AND DOCU	MENTATION (LIST):					
COLO CENTRO						
COMMENTS:						
EVALUATION:						
MEETS REQUIREMENT	MINOR NONCONFORMANCE	MA	JOR NONCON	FORMANCE		

Date: Lead	Auditor:
	Date: Lead

OPTIONAL AUDITOR QUESTIONS:

Are there documented and maintained procedures to establish and update hazards, risks and implementation of controls?

Does the procedure cover routine and non routine activities?

Does the procedure cover all personnel and facilities?

What mechanism is used to initiate hazard review/revision when operations change?

Do the criteria for the assessment of risk address both likely hood and consequence?

Are there records to provide evidence of analysis of hazards, risks and controls?

Are there any obvious hazards that should have been considered and were not? If not, why not?

Are results of assessments and effects of controls considered when setting OH&S objectives and are they documented and up to date?

Does the methodology:

- a) define scope, nature and timing?
- b) ensure proactive rather than reactive assessments?
- c) provide for classification of risk tolerability?
- d) identify those to be eliminated or controlled?
- e) assure consistency with operating experience? (Ref. 4.3.1C of OHSAS 18002-2000)
- f) assure consistency with effectiveness of risk control measures?

Does the methodology provide input into determination of facility requirements, training needs and operational controls? Does the methodology provide for monitoring of required actions to ensure timeliness and effectiveness of implementation?

OH&S Manage	ement Syster	m Model	PLANNING			
ELEMENT:	4.3.2	TITLE:	Legal and Other Requirements			
OHSAS 18001	STANDAR	D:		NO	PARTIAL	YES
The organization	n shall estab	lish and mainta	ain a procedure for identifying and			
accessing the le	gal and othe	r OH&S requir	rements that are applicable to it.			
			on up-to-date. It shall communicate relevant			
	_	ner requirement	ts to its employees and other relevant			
interested partie	S.					
FACILITY IME	PLEMENTA	ATION OF STA	ANDARD:			
EXISTING PRO	OCEDURES	S AND DOCUI	MENTATION (LIST):			
COMMENTS:						
EVALUATION			1			
MEET	S REQUIRI	EMENT	MINOR	MA	AJOR NONCON	FORMANCE
			NONCONFORMANCE			
OPTIONAL AU						
			ganization to identify and have access to all	applicable	e legal requireme	ents?
			to keep current on requirements?			
			hods to keep current?			
How is applicab						
How are require	ements com	nunicated to al	l interested party?			

Organization: Date: Lead Auditor:

OH&S Management System Model		PLANNING			
ELEMENT: 4.3.3 TITLE:	Objectives				
OHSAS 18001 STANDARD:			NO	PARTIAL	YES
The organization shall establish and main	tain documented	occupational health and			
safety objectives, at each relevant function	n and level withi	n the organization.			
NOTE Objectives should be quantified w	herever practical	ole.			

When establishing and reviewing its object					
and other requirements, its OH&S hazard					
financial, operational and business require The objectives shall be consistent with the					
to continual improvement.	e Onas policy,	including the commitment			
to continuar improvement.					
FACILITY IMPLEMENTATION OF ST	ANDARD:				
THERETT IN LEMENTATION OF ST	m (D) mD.				
EXISTING PROCEDURES AND DOCU	MENTATION ((LIST):			
COMMENTS:					
EVALUATION:					
MEETS REQUIREMENT	MIN		MA.	IOR NONCONF	ORMANCE
	NONCONFO	RMANCE			
OPTIONAL AUDITOR QUESTIONS:	10077				
Has the organization established and mair					
Have the documented objectives consider		er requirements?			
Are objectives reasonable and measurable		1 11			
Is there a documented and maintained pro					
Are objectives communicated to the empl					
Are organizational objectives consistent v	vith Lab/higher l	evei objectives?			

5/14/2004

OH&S Management System Model PLANNING			
ELEMENT: 4.3.4 TITLE: OH&S Management Program(s)			
	ı		
OHSAS 18001 STANDARD:	NO	PARTIAL	YES
The organization shall establish and maintain (an) OH&S management program(s) for			
achieving its objectives. This shall include documentation of:			
a) the designated responsibility and authority for achievement of the objectives at relevant functions and levels of the organization; and			
b) the means and time-scale by which objectives are to be achieved.			
b) the means and time-scale by which objectives are to be achieved.			
The OH&S management program(s) shall be reviewed at regular and planned			
intervals. Where necessary the OH&S management program(s) shall be amended to			
address changes to the activities, products, services, or operating conditions of the			
organization.			
FACILITY IMPLEMENTATION OF STANDARD:			
EXISTING PROCEDURES AND DOCUMENTATION (LIST):			
EMBINOTROCED CRESTIND DOCCIMENTATION (EBI).			
COMMENTS:			
EVALUATION:	3.54	AOD MONGON	EODI (ANGE
MEETS REQUIREMENT MINOR NONCONFORMANCE	MA.	JOR NONCONI	FORMANCE
NONCONFORMANCE			
OPTIONAL AUDITOR QUESTIONS:			
Are there programs to achieve all the identified objectives?			
Do the programs include schedules for completion and resources necessary to achieve the	ne objectiv	ves?	
Do the programs assign responsibilities for completion of tasks in achieving objectives?			
Are all procedures that supplement the OHS management program available to the appr		rsonnel and curi	rent?
Are the management programs reviewed at planned intervals and amended as required?	•		

OH&S Management System Model	IMPLEMENTATION AND	OPERAT	TION				
ELEMENT: 4.4.1 TITLE: Structure and Responsibility							
OVIGAG 10001 GEAVE ARE		NO	D A D/FILA I	TATE OF			
OHSAS 18001 STANDARD: The roles, responsibilities and authorities of	of parsonnal who manage parform and	NO	PARTIAL	YES			
verify activities having an effect on the OI							
facilities and processes, shall be defined, d							
facilitate OH&S management.							
	ealth and safety rests with top management.						
The organization shall appoint a member of							
	ttee member) with particular responsibility						
for ensuring that the OH&S management sperforming to requirements in all locations							
organization.	s and spheres of operation within the						
Management shall provide resources esser	ntial to the implementation, control and						
improvement of the OH&S management s							
	•						
NOTE Resources include human resource	s and specialized skills, technology and						
financial resources.							
The organization's management appointed	shall have a defined role, responsibility and						
authority for:	shan have a defined fole, responsibility and						
a) ensuring that OH&S management syste	m requirements are established,						
implemented and maintained in accordance							
b) ensuring that reports on the performanc							
	nd as a basis for improvement of the OH&S						
management system.	the Hade an expected the force of the force of the force						
continual improvement of OH&S perform	shall demonstrate their commitment to the						
continuar improvement of offices perform	unice.						
FACILITY IMPLEMENTATION OF STA	ANDARD:						
EXISTING PROCEDURES AND DOCU	MENTATION (LIST):						
LAISTING I ROCEDORES AND DOCC	WENTATION (EIST).						
COMMENTS:							
EVALUATION:							
MEETS REQUIREMENT	MINOR	MA	JOR NONCON	FORMANCE			
	NONCONFORMANCE						
OPENOVAL ALIDITOD OLIFOTIONS							
OPTIONAL AUDITOR QUESTIONS:	es defined, documented and communicated?						
	esources (people, technology, money) to impl	ement thi	S OH&S progra	ım?			
	management appointee from top management		orico progra				
	t appointee document sufficient authority to a		n a & b above?				
	commitment for continual improvement of Ol						

Organization: Date: Lead Auditor:

OH&S Management System Model IMPLEMENTATION AND OPERATION							
ELEMENT:	4.4.2	TITLE:	Training, Aw	vareness and Competence			
OHSAS 18001 S					NO	PARTIAL	YES
				npact on OH&S in the			
				opriate education, training			
				aintain procedures to ensure			
				evel are aware of:			
				and procedures, and to the			
		&S manageme		work activities and the			
		oved personal		work activities and the			
				nce to the OH&S policy and			
				agement system, including			
			requirements (
				d operating procedures.			
, 1	1	1	1				
Training procedu	res shall tal	ce into accoun	t differing level	s of:			
	y, ability an	d literacy; and	i				
b) risk.							
EACH ITY IMP	EMENTE	TION OF STA	A NID A DID.				
FACILITY IMPI	LEMENIA	TION OF STA	ANDARD:				
EXISTING PRO	CEDURES	AND DOCU	MENTATION (LIST):			
Zinsin (o i ito	CLDCRLS	11112 20001	WIEI (IIIII)	(2181).			
COMMENTS:							
EVALUATION							
EVALUATION:		ATENTE) my	OB	3.7.4	IOD MONGON	EODMANGE
MEETS	REQUIRE	MENI	MIN		MA	JOR NONCON	FURMANCE
			NONCONFO	KWIANCE			
OPTIONAL AU	DITOR OU	ESTIONS:					
			l to make emplo	oyees aware of a – d above?			
				sks that impact OHS?			
	p = 1	are compete	to periorin tu				

Has the appropriate training been done and, where required, by qualified trainers?

Do the training procedures take into account the differing levels of responsibility, ability, literacy and risk?

Are there specific, documented minimum requirements for each person performing a task that can cause significant OHS impact?

Organization: Date: Lead Auditor:

OH & C Management	OH&S Management System Model IMPLEMENTATION AND OPERATION						
ELEMENT:				OPEKA	IION		
ELEMENT:	4.4.3	TITLE:	Consultation and Communication				
OHC 4 C 10001 C	TANDADE	\.		NO	DADTIAL	MEC	
OHSAS 18001 S			OTTO C C	NO	PARTIAL	YES	
			ensuring that pertinent OH&S information				
			nd other interested parties.				
		consultation ar	rangements shall be documented and				
interested parties							
Employees shall							
	he developi	ment and revie	w of policies and procedures to manage				
risks	_						
			that affect workplace health and safety;				
		d safety matte					
			OH&S representative(s) and specified				
management	appointee ((see 4.4.1).					
FACILITY IMPI	LEMENTA'	TION OF STA	ANDARD:				
EXISTING PRO	CEDURES	AND DOCU	MENTATION (LIST):				
COMMENTS:							
EVALUATION:							
MEETS	REQUIRE	MENT	MINOR	MA	JOR NONCONF	ORMANCE	
			NONCONFORMANCE				
OPTIONAL AUI	OITOR OU	ESTIONS:					
	Are there procedures that are maintained for communications to and from interested parties regarding the organization's pertinent						

Are there procedures that are maintained for communications to and from interested parties regarding the organization's pertinent OH&S information?

How are communications to and from interested parties documented?

How are internal communications between different levels and different functions documented? How do you have feedback to management?

How are employees involved in the development of policies and procedures to manage risks?

How are employees consulted for changes that affect workplace health and safety?

How are employees represented on OHS matters?

Do people know who their employee OHS representative and/or management appointees are?

How are OHS representatives involved in communication mechanisms with management/

What initiatives do you have to encourage OHS consultations and improvement activities?

What mechanisms are used to communicate OHS concerns or information to all interested parties and employees? e.g. inspections, briefings, notice boards, OHS newsletter, OHS poster programs.

OH&S Managen	nent Systen	n Model	II	MPLEMENTATION AN	ND OPERAT	TION	
ELEMENT:	4.4.4	TITLE:	Documentation				
OHSAS 18001 S					NO	PARTIAL	YES
			ain information, ir	n a suitable medium such	ı		
as paper or electr							
				d their interaction; and			
b) provides direct	tion to relat	ed documentat	tion.				
NOTE It is impor	rtant that de	ocumentation i	s kept to the mini	mum required for			
effectiveness and			s kept to the mini	main required for			
circuit voltess and	cilicione y .	•					
FACILITY IMPI	LEMENTA	TION OF STA	ANDARD:				
EXISTING PRO	CEDURES	AND DOCU	MENTATION (LI	IST):			
			`	,			
COMMENTS:							
COMMENTS.							
EVALUATION:							
MEETS	REQUIRE	EMENT	MINO		MA	JOR NONCON	FORMANCE
			NONCONFOR	MANCE			
ODTIONAL ALU	DITOR OU	ECTIONS.					
OPTIONAL AUI			core elements of:	ts OHSAS 18001 system	1 9		
				and lower level documen			
				ooth internal and external		is, permits, form	s, etc.] are to be
used?		io uio ioiatou	. do tumomanom, c	our mornar and external	., [1080101101	e, permis, rom	., c.c., are to be

Organization: Date: Lead Auditor:

OH&S Manager	OH&S Management System Model IMPLEMENTATION AND OPERATION						
ELEMENT:	4.4.5	TITLE:	Document a	and Data Control			
OHSAS 18001 S					NO	PARTIAL	YES
				for controlling all docume	ents		
and data required		ISAS specifica	ation to ensure	that:			
a) they can be loo					_		
		ewed, revised a	as necessary ar	nd approved for adequacy	by		
authorized perso			11.				
				railable at all locations wh			
				H&S system are performed om all points of issue and			
points of use or o							
				vledge preservation purpo	ises		
or both, are suita			i legal of know	vicage preservation purpo	.505		
or com, are same	ory racinaria						
FACILITY IMP	LEMENTA	TION OF STA	ANDARD:				
EMICEDIC DDO	CEDUDEO	AND DOCK	A CENTER A TRANS	(TIOTE)			
EXISTING PRO	CEDURES	AND DOCU	MENTATION	(LIST):			
COMMENTS:							
COMMENTS.							
EVALUATION:							
MEETS	REQUIRE	EMENT	MIN	NOR	M	AJOR NONCON	FORMANCE
			NONCONFO	ORMANCE			
OPTIONAL AU							
				documents (e.g., procedur			
				ard? Are the documents/da	ata accessible	(e.g., can the em	ployee access
the documents/da						1 10	
Are the documen	its/data peri	odically review	ved, revised ar	nd approved for adequacy	by authorize	d personnel'?	

Are latest versions of documents/data available in all areas and by all personnel that perform tasks essential to the effective functioning of the OH&S?

Are obsolete documents/data removed from use and assured from unintended use? Are historical copies maintained & labeled? Are those obsolete documents/data that are retained for legal or knowledge reasons clearly identified?

Are documents/data dated with the latest revision, orderly, legible and retained for a specified period?

Organization: Date: Lead Auditor:

OH&S Management System Model IMPLEMENTATION AND OPERATION						
ELEMENT: 4.4.6 TITLE: Operational Control						
OHSAS 18001 STANDARD:	NO	PARTIAL	YES			
The organization shall identify those operations and activities that are associated with						
identified risks where control measures need to be applied. The organization shall plan						
these activities, including maintenance, in order to ensure that they are carried out						
under specified conditions by:						
a) establishing and maintaining documented procedures to cover situations where their						
absence could lead to deviations from the OH&S policy and the objectives;						
b) stipulating operating criteria in the procedures;						
c) establishing and maintaining procedures related to the identified OH&S risks of						
goods, equipment and services purchased and/or used by the organization and						
communicating relevant procedures and requirements to suppliers and contractors;						
d) establishing and maintaining procedures for the design of workplace, process,						
installations, machinery, operating procedures and work organization, including their						
adaptation to human capabilities, in order to eliminate or reduce OH&S risks at their						
source.						
FACILITY IMPLEMENTATION OF STANDARD:						
PACIEIT INFLEMENTATION OF STANDARD.						
EXISTING PROCEDURES AND DOCUMENTATION (LIST):						
COMMENTS:						
EVALUATION:						
MEETS REQUIREMENT MINOR	MA.	OR NONCON	FORMANCE			
NONCONFORMANCE						

OPTIONAL AUDITOR QUESTIONS:

Have the operations and activities, including maintenance, been identified that are associated with the identified OH&S risks where control measures need to be applied?

Have procedures been established and maintained for the above operations that, if they are not followed for these situations, could lead to deviations from the OH&S policy and the objectives?

Are operating criteria clearly established and document/data in the procedures for the operations and activities identified above? Have the identified OH&S risks of goods, materials, equipment and services used in the above operations and activities been identified?

Are there procedures for handling goods, materials, equipment and services used in the activities associated with identified risks where controls need to be applied?

Are relevant procedures and requirements communicated to the appropriate suppliers and contractors (are operational controls in place and working as expected)?

Are records of operational controls and performance indicators managed and retained per plans?

Are there procedures to reduce OS&H risks in design and workplace processes (Ref. d above)?

Organization: Date: Lead Auditor:

OH&S Management System Model IMPLEMENTATION AND OPERATION								
ELEMENT:	4.4.7	TITLE:	Emergency P	reparedness and Res	sponse			
OHSAS 18001 S	TANDARI):				NO	PARTIAL	YES
The organization	shall establ	ish and mainta	ain plans and pr	ocedures to identify the	ne			
potential for, and	responses t	o, incidents ar	nd emergency si	tuations, and for preve	enting			
and mitigating th	e likely illn	ess and injury	that may be ass	ociated with them.				
				and response plans and				
procedures, in pa	rticular afte	r the occurren	ce of incidents	or emergency situation	ıs.			
The organization	shall also p	eriodically tes	st such procedur	res where practicable.				
EACH ITY IMPI	EMENTA	TION OF STA	A NID A DID.					
FACILITY IMPI	LEMENTA	TION OF STA	ANDARD:					
EXISTING PRO	CEDURES	AND DOCU	MENTATION (LIST):				
				(—————).				
COMMENTS:								
EVALUATION:			1					
MEETS	REQUIRE	MENT	MIN			MA.	IOR NONCON	FORMANCE
			NONCONFO	RMANCE				
OPEROVAL 177	DIMOD CT	TIGHT ON IG						
OPTIONAL AU			1.6		•			
				ccidents and emergence		ons?		
Are there maintained procedures to respond to accidents and emergency situations?								
Are there maintained procedures to prevent and minimize the OH&S risks that may be associated with the identified accidents								
and emergency si		one of the come	rganau seascea	dnace and recoonee pro	andura:	norticul.	orly often en inc	ident?

Are there reviews and revisions of the emergency preparedness and response procedures, particularly after an incident? Are there periodical tests of the above procedures?

Organization: Date: Lead Auditor:

OH&S Manager	nent Systen	n Model		CHECKING AND COR	RRECTIVE	ACTION	
ELEMENT: 4.5.1 TITLE: Performance Measurement and Monit					nitoring		
OHSAS 18001 S					NO	PARTIAL	YES
				to monitor and measure			
				shall provide for:			
a) both qualitat organization		ntitative meas	ures, appropria	te to the needs of the			
b) monitoring of	of the extent	to which the	organization's	OH&S objectives are met	;		
				pliance with the OH&S			
d) management regulatory re			teria and applic	able legislation and			
			nonitor acciden	ts, ill health, incidents			
	ear-misses)			of deficient OH&S			
		sults of monito	oring and meas	urement sufficient to			
			eventive action				
				surement and monitoring,	,		
the organization	shall establi	sh and mainta	in procedures f	or the calibration and			
maintenance of such equipment. Records of calibration and maintenance activities and							
results shall be re	etained.						
FACILITY IMPI	LEMENTA	TION OF STA	ANDARD:				
EXICEING DDO	CEDIMEG	AND DOCK	A CENTE A THON	(I IOTT)			
EXISTING PRO	CEDURES	AND DOCU	MENTATION	(LIST):			
COMMENTS:							
EVALUATION:							
MEETS	REQUIRE	MENT	MIN NONCONFO		N	IAJOR NONCON	FORMANCE

OPTIONAL AUDITOR QUESTIONS:

Do the procedures address qualitative and quantitative measures?

Are procedures document/data and maintained to monitor and measure OH&S performance on a regular basis?

Are monitoring of OH&S objectives performed?

Does the OH&S management program include proactive measures to address operational criteria, legal requirements and regulatory standards?

Are there reactive measures of performance to monitor accidents, ill health, incidents (including near-misses) and other historical evidence of deficient OH&S performance?

Are OH&S performance indicators evaluated for corrective and preventative action?

Are the indicators of OH&S performance communicated to management?

Is OH&S monitoring equipment required for performance measurement and monitoring calibrated? If so, is there a documented calibration and maintenance procedure(s)?

Are the records for the calibrations and maintenance results retained?

Organization: Date: Lead Auditor:

OH&S Manager	nant Systan	n Model	CHECKING AND CORRE	CTIVE	CTION		
ELEMENT:	4.5.2	TITLE:	Accidents, Incidents, Nonconformances			vontivo Action	
ELEWIENT.	4.3.2	IIILE.	Accidents, incidents, Noncomormances	And Cor	rective And Fre	venuve Action	
OHSAS 18001 S	TANDARI)·		NO	PARTIAL	YES	
			ain procedures for defining responsibility	NO	TAKTIAL	1 LS	
and authorityfor:	snan estab	iisii and mame	and procedures for defining responsibility				
a) the handling a	nd investig	ation of:					
	accidents;						
	incidents;						
	non-confo	rmances:					
			ces arising from accidents, incidents or				
nonconformance		any consequen	out anising from accidents, mercents of				
	*	ion of correctiv	ve and preventive actions;				
			rective and preventive actions taken.				
			posed corrective and preventive actions				
			ent process prior to implementation.				
			to eliminate the causes of actual and				
			oriate to the magnitude of problems and				
commensurate w							
The organization	The organization shall implement and record any changes in the documented						
procedures resulting from corrective and preventive action.							
FACILITY IMPI	LEMENTA	TION OF STA	ANDARD:				
EXISTING PRO	CEDURES	AND DOCU	MENTATION (LIST):				
COMMENTS:							
EVALUATION:							
MEETS	REQUIRE	EMENT	MINOR	MA	JOR NONCON	FORMANCE	
			NONCONFORMANCE				
OPTIONAL AU							
			ed for defining responsibility and authority for	or handlin	g and investigati	ng of accidents,	
incidents and nonconformances?							
Are procedures documented and maintained for initiating and completing corrective and preventive action? Is a risk assessment							

conducted for these actions?

Are appropriate corrective and preventive actions taken?

Are the results of the corrective and preventive actions implemented and recorded?

How does the organization implement and record any changes in their documented procedures resulting from corrective and preventative actions?

OH&S Manager	OH&S Management System Model CHECKING AND CORRECTIVE ACTION						
ELEMENT:	4.5.3	TITLE:	Records and	Records Management	ute II ve	11011	
OHSAS 18001 S	TANDARI	D:			NO	PARTIAL	YES
The organization	shall estab	lish and mainta	ain procedures	for the identification,			
maintenance and	disposition	of OH&S reco	ords, as well as	s the results of audits and			
reviews.							
				to the activities involved.			
				vay that they are readily r loss. Their retention time	20		
shall be establish			Jeterioration of	1 1088. Then retention time	28		
shan be establish	ica ana rece	ласа.					
Records shall be	maintained	l, as appropriat	e to the system	and to the organization, to	o		
demonstrate con				, .			
			1				
FACILITY IMP	LEMENTA	TION OF STA	ANDARD:				
EXISTING PRO	CEDURES	AND DOCU	MENTATION	(LIST):			
				(=====):			
COMMENTS:							
EVALUATION:		,	,				
	S REQUIRE	EMENT	MIN	NOR	N	IAJOR NONCON	FORMANCE
1,1221	, ILL QUITE		NONCONFO		2		2 0 1 11 11 1 1 2 2
OPTIONAL AU	DITOR QU	JESTIONS:					
Are procedures of	locumented	and maintaine	d for the identi	ification, maintenance and	l disposition	of OH&S records	?
Are the records legible, identifiable and traceable to the activities involved?							
	Are the records stored and maintained such that they are readily retrievable and protected against damage, deterioration or loss?						
Are there specifi							
	naintained i	in a manner to	demonstrate co	onformance with the stand	lard and app	ropriate to the syst	tem and the
organization?		C. 1 (- 11 9					
Is consideration	given to coi	maentially?					

Organization: Date: Lead Auditor:

OU&S Managar	nant Systan	n Model		CHECKING AND CO	ODDEC	TIVE AC	TION	
OH&S Management System Model ELEMENT: 4.5.4 TITLE: Audit					OKKEC	TIVEAC	TION	
ELEWIENT.	4.3.4	IIILE.	Audit					
OHSAS 18001 S	TANDARI)·				NO	PARTIAL	YES
OH&S managem			arried out, in or	der to:		110		1 LS
a) determine whe								
				management including	the			
requiren	nents of this	s OHSAS spec	cification;					
			d and maintaine					
			unization's poli	cy and objectives;				
b) review the res								
c) provide inform	nation on th	e results of au	dits to manage	ment.				
The audit macane	m includin	a any ashadula	s shall be bess	d on the meaulte of miels				
				d on the results of risk ts of previous audits. The	20			
				dologies and competenci				
				ecting audits and reporting				
results.	Pomoromico	s and requirem	101105 101 001100	oung addies and reported	6			
Wherever possib	le, audits sh	nall be conduct	ted by personne	el independent of those				
having direct resp	onsibility	for the activity	being examin	ed.				
	"independe	ent" here does	not necessarily	mean external to the				
organization.								
FACILITY IMPI	EMENITA	TION OF ST	A NID A PID:					
TACILITI IMITI	LEMENTA	TION OF STA	ANDARD.					
EXISTING PRO	CEDURES	AND DOCU	MENTATION	(LIST):				
G0161677777								
COMMENTS:								
								_
EVALUATION:								
	REQUIRE	EMENT	MIN	NOR		MA.	OR NONCON	FORMANCE
			NONCONFO					
OPTIONAL AU								
Are procedures d			-					
Lines the procedu	ira tor ()H&	∕r∨ audite inclu	ide the scope of	f the gudit frequency m	nathada	Logice med	d reconcibilit	100

Does the procedure for OH&S audits include the scope of the audit, frequency, methodologies used, responsibilities, requirements, and method of reporting results?

Does the OH&S audit determine whether their OH&S has been implemented and maintained and conforms to this standard and organization's OH&S policy and objectives?

Does the OH&S audit provide results of the audits to management?

Is the audit program and schedule based on risk assessments and the results of previous audits?

Does the procedure address the independence of auditors?

Organization: Date: Lead Auditor:

OH&S Managen	nent System	Model		MANAGEMENT REVIEW			
ELEMENT:	4.6	TITLE:	Managemen				
			T. T. W.				
OHSAS 18001 S	TANDARI):			NO	PARTIAL	YES
OH&S managem effectiveness. The	ent system, e managem llected to al	to ensure its c ent review pro	continuing suita cess shall ensu	t it determines, review the ability, adequacy and are that the necessary t this evaluation. This review			
The management review shall address the possible need for changes to policy, objectives and other elements of the OH&S management system, in the light of OH&S management system audit results, changing circumstances and the commitment to continual improvement.							
FACILITY IMPI	EMENITA	TION OF STA	MDADD.				
EXISTING PRO	CEDURES	AND DOCUM	MENTATION	(LIST):			
COMMENTS:							
COMMILIVIS.							
EXTAT IN PROCES							
EVALUATION: MEETS	REQUIRE	MENT	MIN NONCONFO	NOR DRMANCE	MA	JOR NONCON	FORMANCE
OPTIONAL AUI Has top managen			of the OH&S m	nanagement system on a period	lic basis?	Is it documente	d?

Does the review address the system's:

- a) continued suitability
- b) adequacy
- c) effectiveness

Does the review address possible need to change its policy, objectives and other elements of the OH&S management system? Has this been conducted in light of OH&S management system audit results, continual improvement and changing circumstances?

Does the record of the review include a list of information used for the management evaluation?

Organization:	Date:	Lead Auditor:

Activity Checklist

Criteria	Activity 1:	Activity 2:	Activity 3:	Activity 4:	Activity 5:
Knowledge of OH&S policy	CON MIN MAJ COM OBS	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS	CON MIN MAJ COM OBS	CON MIN MAJ COM OBS
Knowledge of existence of OH&S management system	CON MIN AJ COM OBS	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN COM COM OBS Footnote:	CON MIN MAJ COM OBS
OH&S job risks	CON MIN MAJ COM OBS Footnote:	CON MIN COM COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN COM COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:
Awareness of how to avoid OH&S hazards	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:
Awareness of how to contribute to organization's programs (e.g., feedback, involvement on committees, risk assessments, work planning)	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:
Awareness of emergency response/actions	CON MIN COM COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:	CON MIN COM COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:
How have affected employee/guests been made aware of new requirements	CON MIN COM COM OBS Footnote:	CON MIN COM	CON MIN COM	CON MIN COM COM OBS Footnote:	CON MIN MAJ COM OBS Footnote:

Organization:	Date:	Lead Auditor

Activity 1:	Activity 2:	Activity 3:	Activity 4:	Activity 5:
CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS			
CON MIN MAJ COM OBS				
CON MIN MAJ COM OBS				
CON MIN MAJ COM OBS				
CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS			
CON MIN MAJ COM OBS Footnote:	CON MIN MAJ COM OBS	CON MIN MAJ COM OBS	CON MIN MAJ COM OBS	CON MIN MAJ COM OBS Footnote:
	CON	CON	CON	CON